

<b>Exploring the Extreme</b>			
<b>2006 Mathematics</b>			
<b>Academic Standards</b>			
<b>Nevada Mathematics</b>			
<b>Grades K-2</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Finding the Center of Gravity Using Rulers	NV	MA.K-2.B.2	Use physical materials, models, pictures, or writing to represent and communicate mathematical ideas
Finding the Center of Gravity Using Rulers	NV	MA.K-2.B.4	Use everyday language, both orally and in writing, to communicate strategies and solutions to mathematical problems
Finding the Center of Gravity Using Plumb Lines	NV	MA.K-2.B.2	Use physical materials, models, pictures, or writing to represent and communicate mathematical ideas
Finding the Center of Gravity Using Plumb Lines	NV	MA.K-2.B.4	Use everyday language, both orally and in writing, to communicate strategies and solutions to mathematical problems
Changing the Center of Gravity Using Moment Arms	NV	MA.K-2.B.2	Use physical materials, models, pictures, or writing to represent and communicate mathematical ideas
Changing the Center of Gravity Using Moment Arms	NV	MA.K-2.B.4	Use everyday language, both orally and in writing, to communicate strategies and solutions to mathematical problems
<b>Exploring the Extreme</b>			
<b>2006 Mathematics</b>			
<b>Academic Standards</b>			
<b>Nevada Mathematics</b>			
<b>Grades 3-5</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Finding the Center of Gravity Using Rulers	NV	MA.3-5.B.2	Use a variety of methods to represent and communicate mathematical ideas through oral, verbal, and written formats
Finding the Center of Gravity Using Rulers	NV	MA.3-5.D.2	Use physical models to explain the relationship between concepts and procedures
Finding the Center of Gravity Using Plumb Lines	NV	MA.3-5.B.2	Use a variety of methods to represent and communicate mathematical ideas through oral, verbal, and written formats
Finding the Center of Gravity Using Plumb Lines	NV	MA.3-5.B.4	Use everyday language, both orally and in writing, to communicate strategies and solutions to mathematical problems
Finding the Center of Gravity Using Plumb Lines	NV	MA.3-5.D.2	Use physical models to explain the relationship between concepts and procedures
Changing the Center of Gravity Using Moment Arms	NV	MA.3-5.B.2	Use a variety of methods to represent and communicate mathematical ideas through oral, verbal, and written formats

Changing the Center of Gravity Using Moment Arms	NV	MA.3-5.B.4	Use everyday language, both orally and in writing, to communicate strategies and solutions to mathematical problems
Changing the Center of Gravity Using Moment Arms	NV	MA.3-5.D.2	Use physical models to explain the relationship between concepts and procedures
Jet Propulsion	NV	MA.3-5.B.1	Use inquiry techniques to solve mathematical problems
Jet Propulsion	NV	MA.3-5.B.2	Use a variety of methods to represent and communicate mathematical ideas through oral, verbal, and written formats
Vectoring	NV	MA.3-5.B.1	Use inquiry techniques to solve mathematical problems
Vectoring	NV	MA.3-5.D.2	Use physical models to explain the relationship between concepts and procedures
Center of Gravity, Pitch, Yaw	NV	MA.3-5.B.3	Identify and translate key words and phrases that imply mathematical operations
Fuel Efficiency	NV	MA.3-5.B.3	Identify and translate key words and phrases that imply mathematical operations
Fuel Efficiency	NV	MA.3-5.C.1	Draw logical conclusions about mathematical problems
<b>Exploring the Extreme</b>			
<b>2006 Mathematics</b>			
<b>Academic Standards</b>			
<b>Nevada Mathematics</b>			
<b>Grades 6-8</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Jet Propulsion	NV	MA.6-8.B.4	Model and explain mathematical relationships using oral, written, graphic, and algebraic methods
Jet Propulsion	NV	MA.6-8.B.5	Use everyday language, both orally and in writing, to communicate strategies and solutions to mathematical problems
Vectoring	NV	MA.6-8.B.1	Use formulas, algorithms, inquiry, and other techniques to solve mathematical problems
Vectoring	NV	MA.6-8.B.4	Model and explain mathematical relationships using oral, written, graphic, and algebraic methods
Vectoring	NV	MA.6-8.B.5	Use everyday language, both orally and in writing, to communicate strategies and solutions to mathematical problems
Fuel Efficiency	NV	MA.6-8.B.1	Use formulas, algorithms, inquiry, and other techniques to solve mathematical problems